

Amendments to the specification

At paragraph 0038:

[0038] In particular implementations, the portal may include a security component, a content directory component, a view builder, a content management component, and one or more service interfaces to an enterprise management consolidation system 140. The security component may protect data transmission using encryption (e.g., Secure Socket Layers (SSL)), digital signatures, and/or watermarking. The view builder may create role-based interactive views (e.g., Web pages) for presentation to users. The content management component may include a retrieval and classification component (e.g., Text Retrieval and Extraction (TREX) component) and a collaboration component. The retrieval and classification component may automatically analyze unstructured components to identify know-how. The service interfaces could include an Internet Transaction Server (ITS) component, various connectors, such as a Java® Connector, and a Business Intelligence platform.

At paragraph 0055:

[0055] FIG. 2 illustrates a framework 200 for a composite application. In general, framework 200 leverages and enhances underlying enterprise base systems 290, which could include an XI, supporting business transaction systems such as Customer Relationship Management (CRM), Human Capital Management (HCM), and Product Lifestyle Management (PLM), Knowledge Management Warehouse (KW), and BW, with tools, content, and guidelines to provide a foundation for developing and executing composite applications.

At paragraph 0059:

[0059] UI layer 230 provides user interfaces that allow a user to interact with composite applications. In particular implementations, UI layer 230 provides pattern components, such as, for example, a dashboard, a search bar, a browse and collect function, an object editor, and

phases for a guided procedure, as building blocks for user interfaces. UI layer 230 may also decouple application logic from the UI. As shown, UI layer 230 accomplishes this by having a separation of the business objects, which are in the object access layer 210, and application services, which are in service layer 220, from the user interface elements, which are in UI layer 230. This allows UI components to be reused in different application contexts. This also allows business objects and application services to be visualized differently according to the specific equipments of a certain use case. UI layer 230 may also leverage the metadata information on business objects and services through metadata-driven UI-generation and configuration. The metadata approach allows for ready adaptability to alternative screens depending on the end users needs (e.g., in different industries). UI layer 230 may additionally allow integration (e.g., binding) into OAL 210 to access business objects, business services, and metadata. Thus, UI components may be connected to business objects in OAL 210. UI layer 230 may support any appropriate type of user interfaces, such as, for example, a user interface composed of pattern-based components and/or freestyle components with interfaces to the user interface components--this user interface will discussed in more detail below--or Java Server Pages (JSPs®) from Sun Java Server Pages (JSPs) from Sun.

At paragraph 0063:

[0063] Framework 200 may be implemented using readily available technology. For example, the computer-implemented framework may be implemented using mySAP® technology components. In particular implementations, the components may include an SAP Web Application Sever (WAS) to run the applications, an SAP Enterprise Portal to render the applications, an SAP KW™ to handle unstructured information sources, pattern-based components and/or freestyle components with interfaces to the UI components to design UIs and to provide J2EE® and ABAP® run-time integration, an SAP BW to provide reporting and analytics, data mining, and planning and simulation, SAP Business Process Management (BPM), an SAP Exchange Infrastructure (XI) to provide shared integration knowledge separate from applications, and SAP Web services to offer business functionality over the Internet.

At paragraph 0109:

[0109] Modeler 410 also includes a metadata API 414 and a generation API 415. Metadata API 414 allows object modeler 412 to store and access business object metadata in metadata repository 450 and relation modeler 413 416 to store and access business object relation metadata in metadata repository 450. Generation API 415 422 allows a business object to communicate with generator 430 for code generation.

At paragraph 0157:

[0157] FIG. 8E illustrates user interface 800c at still another stage of the mentor selection process. As before, user interface 800c includes portion 810 812, portion 816, and portion 820. But at this stage, the name selected in portion 816 has been finalized. Thus, the name is populated into portion 820. Furthermore, a user has entered a text message to be sent to the selected mentor. Once any message has been finalized, the mentor selection process may be completed by activating a button in portion 820.

At paragraph 0180:

[0180] Earlier versions of Microsoft Internet Explorer® or Netscape Navigator®, as well as a variety of mobile devices, will be supplied with output that is rendered on the server. Server-side rendering is also the only choice for browsers where JavaScript® has been disabled for security reasons.

Amend the title as follows:

BUSINESS SOFTWARE APPLICATION FRAMEWORK